



### PV System design preliminary questionnaire

1 - Customer Data

Name	
Address	
E-Mail	
Contact	

2 - Site and Plant Data

Project			
Address			
	Solar irradiation KW/m <sup>2</sup> /a		
	Wind speed m/s		
	Minimum / maximum ambient temperatures °C		
	Altitude above sea level m		
	Geographical coordinates		

	Average kWh/d	Summer kWh/d	Winter kWh/d	Yearly kWh/y
Nominal load				
Maximum load				
Minimum load				

Others	Are there consumers with special requirements? (e.g.: high starting currents).



**Somiral Energy sarl**

for a clean environment

www.somiral.com - info@somiral.com

### Actual Energy Supply Sources

1 - Grid

Meter Rating / Phase

--

Voltage / Frequency

--

2 - Diesel generator

Manufacturer

--	--	--

Model

--	--	--

Type synchronous/asynchronous

--	--	--

Power kVA

--	--	--

Voltage V

--	--	--

Current A

--	--	--

Control

--	--	--

Running Hours

--	--	--

4- Battery / UPS

Battery Voltage

--

Type

--

Battery Size in Ah

--

Autonomy in Hours

--



**Somiral Energy sarl**  
for a clean environment

www.somiral.com - info@somiral.com

## APPENDIX 1

Available surfaces in m<sup>2</sup> to install PV modules & systems.

Roof	
Shading pergolas	
Carpark	
Land	

Plant Data / Drawing

--



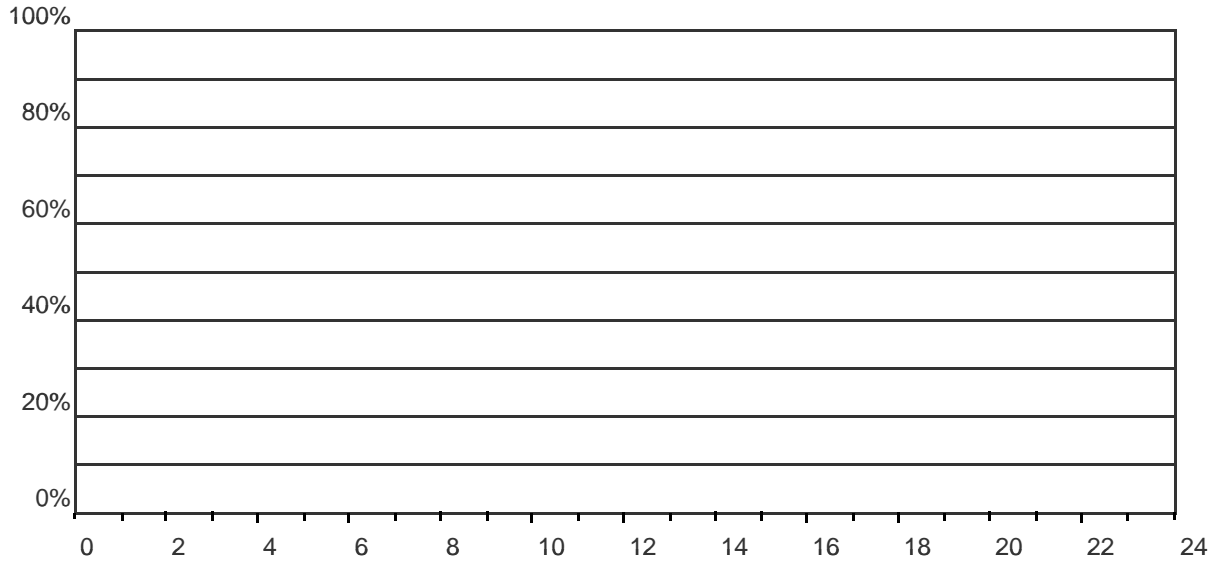
**Somiral Energy sarl**

for a clean environment

www.somiral.com - info@somiral.com

## APPENDIX 2

Typical winter daily load curve.



Typical summer daily load curve.

